

START TRANSACTIONAL EXECUTION (STE) INSTRUCTION TO SUPPORT TRANSACTIONAL PROGRAM EXECUTION

ABSTRACT

One embodiment of the present invention supports execution of a start transactional execution (STE) instruction, which marks the beginning of a block of instructions to be executed transactionally. Upon encountering the STE instruction during execution of a program, the system commences transactional execution of the block of instructions following the STE instruction. Changes made during this transactional execution are not committed to the architectural state of the processor until the transactional execution successfully completes.